

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024258.D
 Acq On : 11 Oct 2016 4:08
 Operator : UM/SJ
 Sample : H5098-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNF2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.654	136	139	146	rVB3	34103	54419	0.90%	0.083%
2	4.265	239	243	247	rBV7	12436	24031	0.40%	0.037%
3	4.365	258	260	263	rBV3	7856	9036	0.15%	0.014%
4	4.970	362	363	367	rVB4	15936	11660	0.19%	0.018%
5	5.011	367	370	371	rBV3	9084	9426	0.16%	0.014%
6	5.105	383	386	388	rBV3	8701	9362	0.16%	0.014%
7	5.358	427	429	437	rVB6	26130	44052	0.73%	0.067%
8	5.475	447	449	452	rVB4	10196	9433	0.16%	0.014%
9	5.546	460	461	465	rVB4	8567	9368	0.16%	0.014%
10	6.004	537	539	541	rBV3	10832	10044	0.17%	0.015%
11	6.562	630	634	635	rBV4	8503	10741	0.18%	0.016%
12	6.680	651	654	657	rBV5	9965	10651	0.18%	0.016%
13	6.721	657	661	663	rVB4	7939	10112	0.17%	0.015%
14	6.756	663	667	668	rBV4	9974	11053	0.18%	0.017%
15	7.214	742	745	747	rBV4	14711	16968	0.28%	0.026%
16	7.244	749	750	752	rVB2	13598	9497	0.16%	0.014%
17	7.273	752	755	758	rBV5	11649	14515	0.24%	0.022%
18	7.420	772	780	790	rBV	809032	1484933	24.64%	2.266%
19	7.608	805	812	821	rVB	591538	1016952	16.88%	1.552%
20	7.813	841	847	858	rVB	749539	1345593	22.33%	2.053%
21	7.919	860	865	869	rVV6	8499	12043	0.20%	0.018%
22	8.001	876	879	884	rVB6	7806	14572	0.24%	0.022%
23	8.066	886	890	892	rBV5	10786	11865	0.20%	0.018%
24	8.142	901	903	907	rVB4	7545	9199	0.15%	0.014%
25	8.195	909	912	914	rBV4	10462	9232	0.15%	0.014%
26	8.295	922	929	937	rBV	669382	1176520	19.52%	1.795%
27	8.630	981	986	989	rBV7	6696	12052	0.20%	0.018%
28	8.977	1037	1045	1055	rBV	938744	1684742	27.96%	2.571%
29	9.265	1090	1094	1095	rBV3	9567	10418	0.17%	0.016%
30	9.388	1113	1115	1117	rBV3	8692	10119	0.17%	0.015%
31	9.470	1120	1129	1136	rVV	783203	1488431	24.70%	2.271%
32	9.517	1136	1137	1145	rVB7	26675	40721	0.68%	0.062%
33	10.046	1225	1227	1230	rVB3	9382	8887	0.15%	0.014%
34	10.081	1230	1233	1234	rBV2	8841	10803	0.18%	0.016%

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35	10.140	1240	1243	1245	rBV4	10393	13554	0.22%	0.021%
36	10.193	1245	1252	1261	rVV	702378	1305218	21.66%	1.991%
37	10.275	1264	1266	1270	rVB4	7724	9734	0.16%	0.015%
38	10.363	1279	1281	1282	rBV2	11876	9137	0.15%	0.014%
39	10.410	1285	1289	1290	rVV4	6592	9399	0.16%	0.014%
40	10.616	1322	1324	1326	rBV3	10819	11488	0.19%	0.018%
41	10.728	1336	1343	1352	rVB	1012784	1870503	31.04%	2.854%
42	11.121	1403	1410	1419	rBV	937403	1741616	28.90%	2.657%
43	11.251	1423	1432	1442	rBV	1171244	2127429	35.31%	3.246%
44	11.456	1462	1467	1468	rVB4	9164	12585	0.21%	0.019%
45	11.603	1487	1492	1494	rBV5	7991	14406	0.24%	0.022%
46	11.691	1503	1507	1511	rBV5	13384	20152	0.33%	0.031%
47	12.073	1571	1572	1576	rBV4	11369	12069	0.20%	0.018%
48	12.684	1671	1676	1682	rBV8	22843	47874	0.79%	0.073%
49	12.743	1682	1686	1687	rBV3	8390	10443	0.17%	0.016%
50	12.755	1687	1688	1693	rVB5	10355	9917	0.16%	0.015%
51	13.254	1771	1773	1779	rVB7	16176	28495	0.47%	0.043%
52	13.307	1779	1782	1783	rBV3	7472	8986	0.15%	0.014%
53	13.401	1795	1798	1800	rBV4	7888	10853	0.18%	0.017%
54	13.507	1813	1816	1820	rVB5	12965	16891	0.28%	0.026%
55	13.571	1823	1827	1828	rVB4	8698	10238	0.17%	0.016%
56	13.712	1847	1851	1855	rVB6	11609	15874	0.26%	0.024%
57	13.777	1857	1862	1868	rVB7	32016	63212	1.05%	0.096%
58	13.836	1868	1872	1874	rBV5	7864	13422	0.22%	0.020%
59	14.071	1909	1912	1915	rVB5	9903	9631	0.16%	0.015%
60	14.306	1944	1952	1956	rBV	2120263	3345605	55.52%	5.105%
61	14.347	1956	1959	1966	rVB	1437291	2041888	33.89%	3.115%
62	14.606	1995	2003	2010	rBV	2149077	3481714	57.78%	5.312%
63	14.764	2026	2030	2034	rBV3	25545	33398	0.55%	0.051%
64	14.846	2042	2044	2047	rBV4	10564	10571	0.18%	0.016%
65	14.905	2047	2054	2062	rVV	1551926	2621916	43.51%	4.000%
66	15.070	2075	2082	2090	rBV	903772	1446150	24.00%	2.206%
67	15.269	2112	2116	2118	rBV5	17084	17140	0.28%	0.026%
68	15.363	2130	2132	2134	rBV3	10545	11432	0.19%	0.017%
69	15.446	2142	2146	2150	rBV7	15865	23549	0.39%	0.036%
70	15.669	2181	2184	2187	rBV3	14668	15891	0.26%	0.024%
71	15.710	2187	2191	2197	rVB2	85144	123852	2.06%	0.189%

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72	15.769	2199	2201	2205	rVB5	18252	16479	0.27%	0.025%
73	15.892	2215	2222	2231	rBV	2951124	4688644	77.81%	7.154%
74	15.992	2233	2239	2248	rVB	848839	1308425	21.71%	1.996%
75	16.104	2255	2258	2259	rBV3	22742	25333	0.42%	0.039%
76	16.262	2283	2285	2286	rBV2	11000	10221	0.17%	0.016%
77	16.333	2293	2297	2302	rBV8	20353	29104	0.48%	0.044%
78	16.450	2316	2317	2320	rBV3	11258	12645	0.21%	0.019%
79	16.574	2333	2338	2346	rBV	141339	260267	4.32%	0.397%
80	16.715	2360	2362	2365	rBV4	9834	9926	0.16%	0.015%
81	16.762	2368	2370	2371	rVB2	12067	9085	0.15%	0.014%
82	16.909	2392	2395	2399	rBV5	21105	30168	0.50%	0.046%
83	17.003	2408	2411	2414	rVB5	24763	28934	0.48%	0.044%
84	17.085	2421	2425	2429	rVB7	19938	27199	0.45%	0.041%
85	17.138	2433	2434	2439	rBV4	14743	23720	0.39%	0.036%
86	17.367	2469	2473	2477	rBV2	104869	140322	2.33%	0.214%
87	17.649	2514	2521	2531	rBV2	2059363	3214798	53.35%	4.905%
88	17.749	2531	2538	2549	rVB	3278457	5190000	86.13%	7.919%
89	17.990	2575	2579	2584	rBV7	33591	53840	0.89%	0.082%
90	18.107	2594	2599	2603	rBV5	33990	58557	0.97%	0.089%
91	18.284	2627	2629	2632	rVB4	23338	19251	0.32%	0.029%
92	18.372	2640	2644	2647	rBV5	39213	52568	0.87%	0.080%
93	18.495	2660	2665	2676	rBV2	664533	992822	16.48%	1.515%
94	18.748	2706	2708	2711	rVB4	13656	9951	0.17%	0.015%
95	19.752	2875	2879	2884	rBV2	263104	356796	5.92%	0.544%
96	20.017	2918	2924	2931	rBV	3991561	6025784	100.00%	9.194%
97	21.539	3178	3183	3188	rBV2	515202	762359	12.65%	1.163%
98	21.950	3246	3253	3260	rVB	2009222	3655061	60.66%	5.577%
99	25.164	3790	3800	3812	rVB	1955831	5722551	94.97%	8.731%
100	25.405	3832	3841	3852	rVB	1234005	3608614	59.89%	5.506%

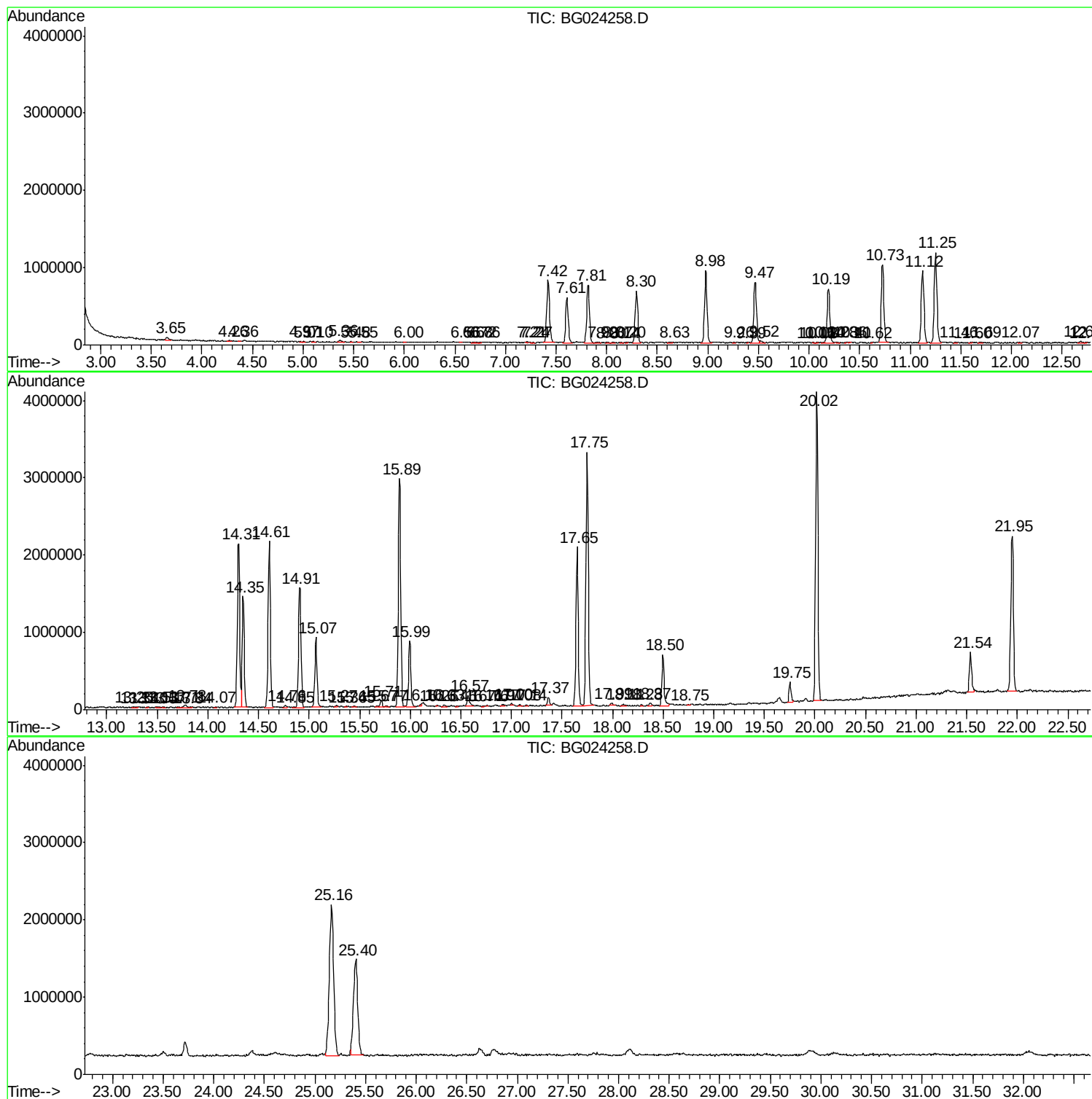
Sum of corrected areas: 65541106

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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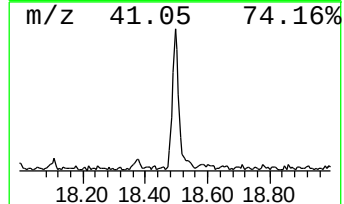
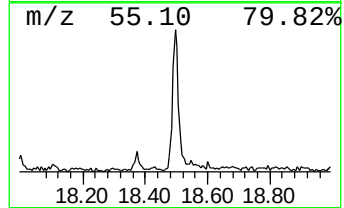
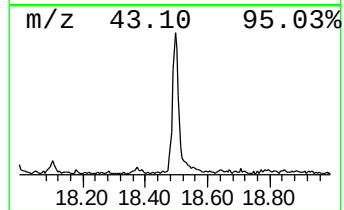
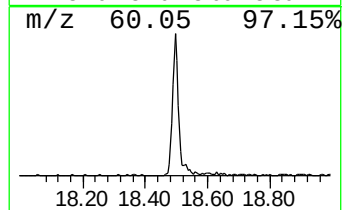
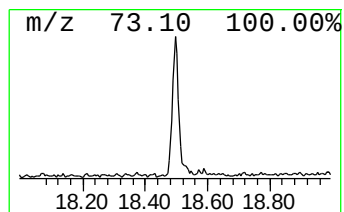
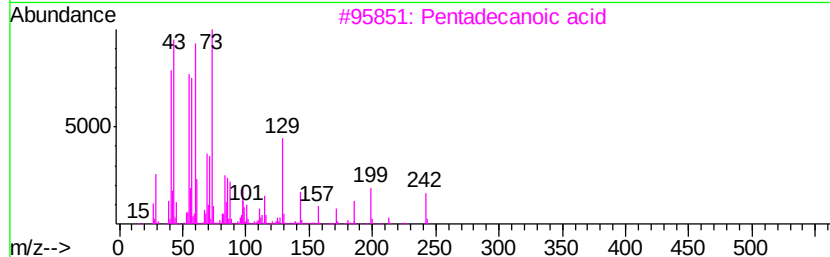
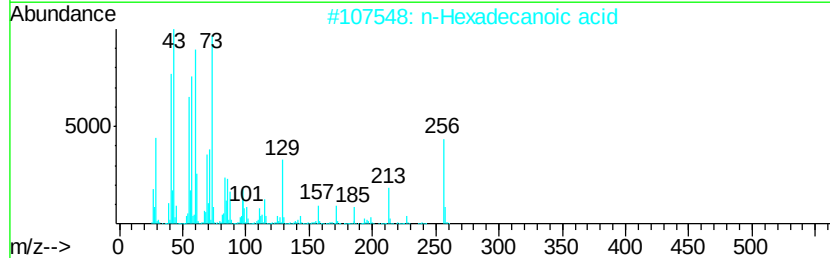
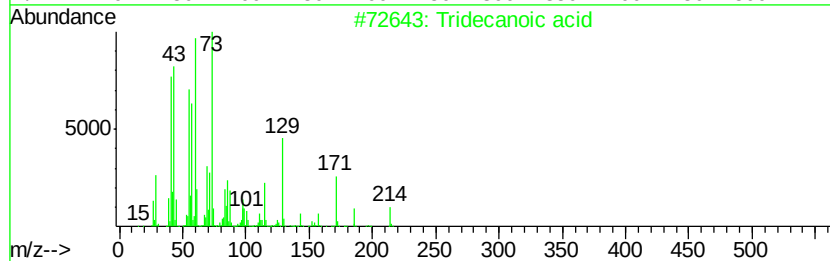
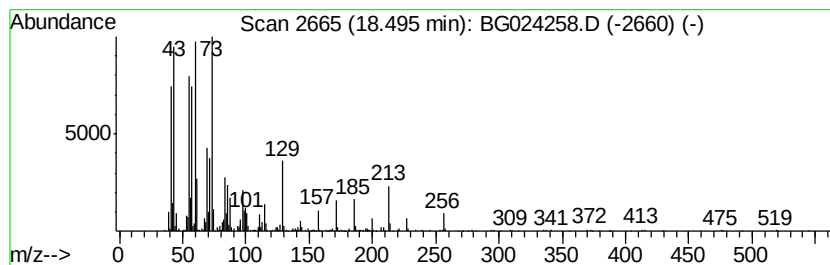
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	6.18 ng/ul	992822	Phenanthrene-d10	17.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecanoic acid	214 C13H26O2	000638-53-9 94
2		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 91
3		Pentadecanoic acid	242 C15H30O2	001002-84-2 87
4		Tridecanoic acid	214 C13H26O2	000638-53-9 74
5		Undecanoic acid	186 C11H22O2	000112-37-8 68



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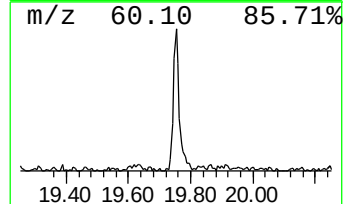
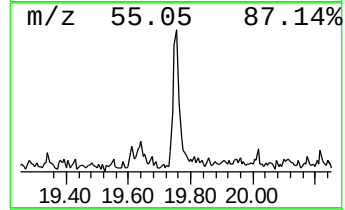
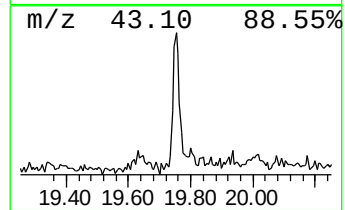
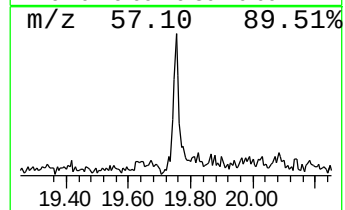
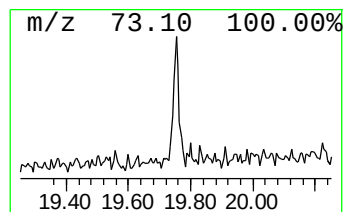
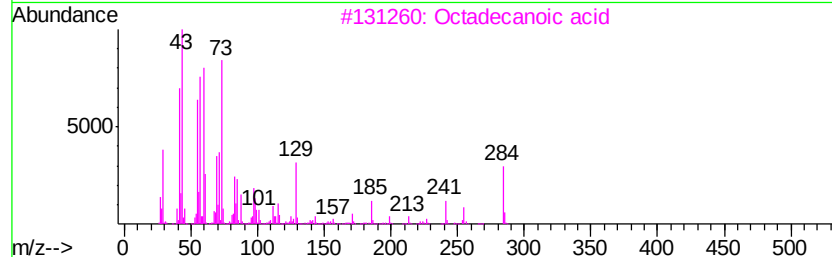
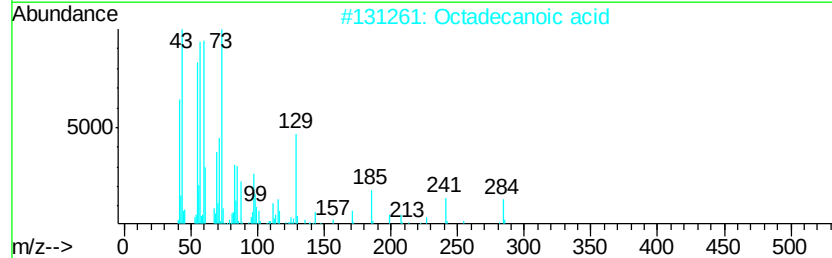
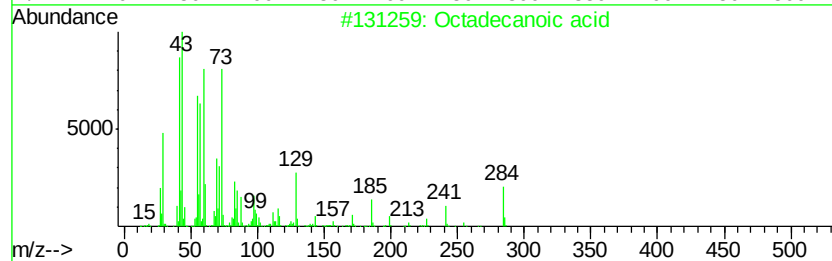
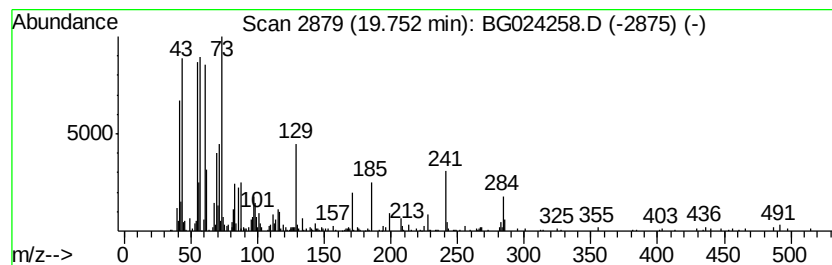
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.75	2.22 ng/ul	356796	Phenanthrene-d10		17.65		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	90
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Octadecanoic acid	284	C18H36O2	000057-11-4	89
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5			Octadecanoic acid	284	C18H36O2	000057-11-4	76



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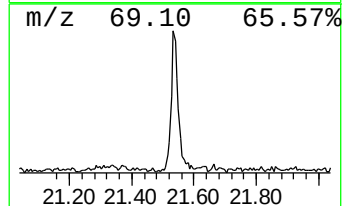
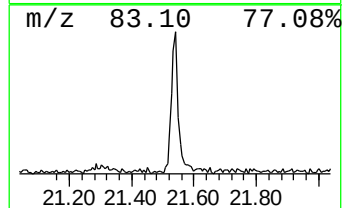
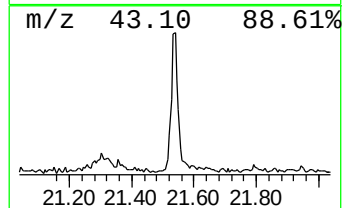
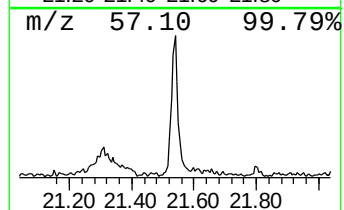
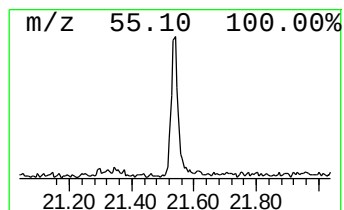
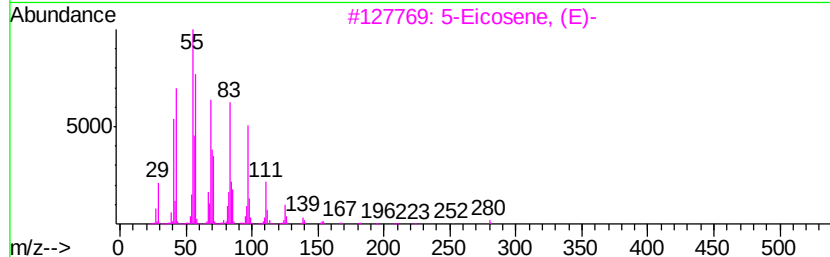
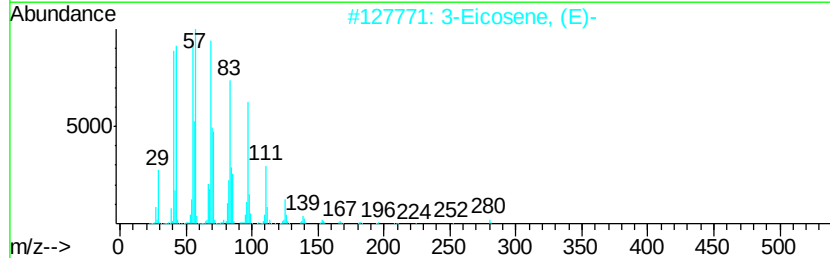
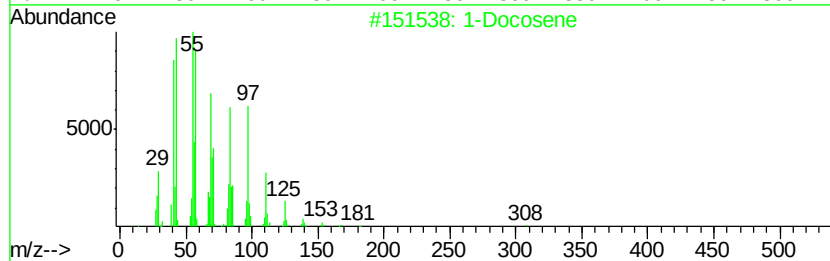
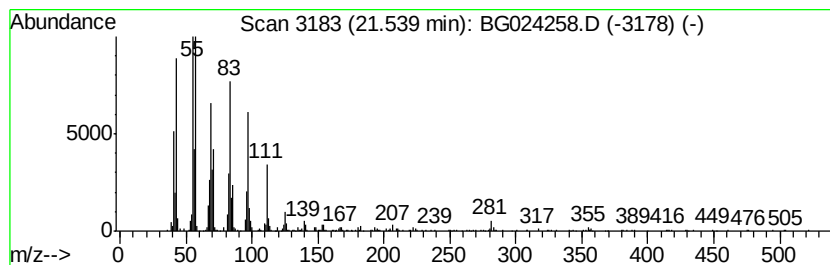
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	4.17 ng/ul	762359	Chrysene-d12	21.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	97
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	92
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	92
4		Octacosanol	410	C28H58O	000557-61-9	91
5		Cyclotetracosane	336	C24H48	000297-03-0	90



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ClientSampleId :
BDNF2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.50	6.2	ng/ul	992822	4	17.65	3214800	20.0
Octadecanoic acid	19.75	2.2	ng/ul	356796	4	17.65	3214800	20.0
1-Docosene	21.54	4.2	ng/ul	762359	5	21.95	3655060	20.0